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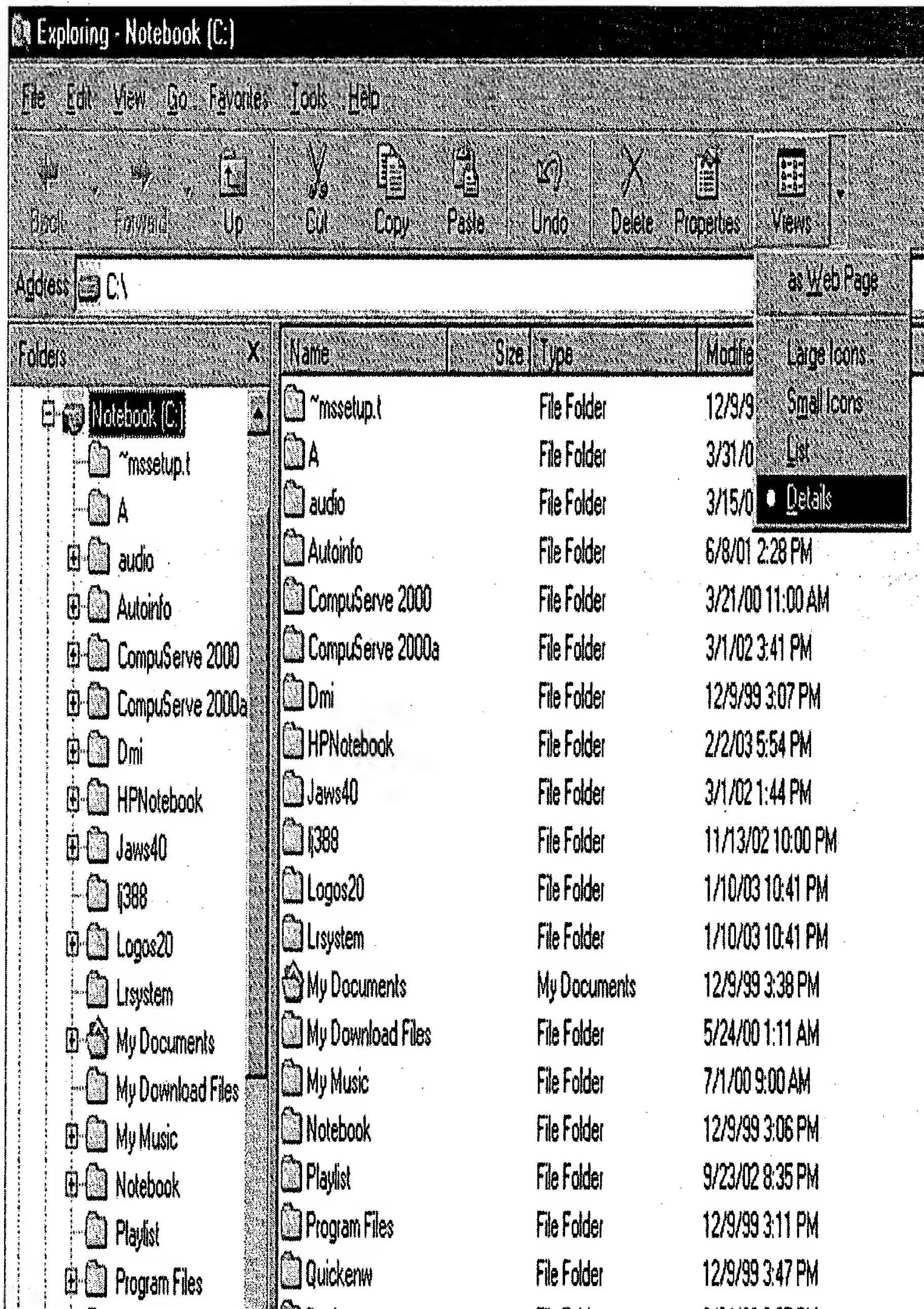


Fig. 1

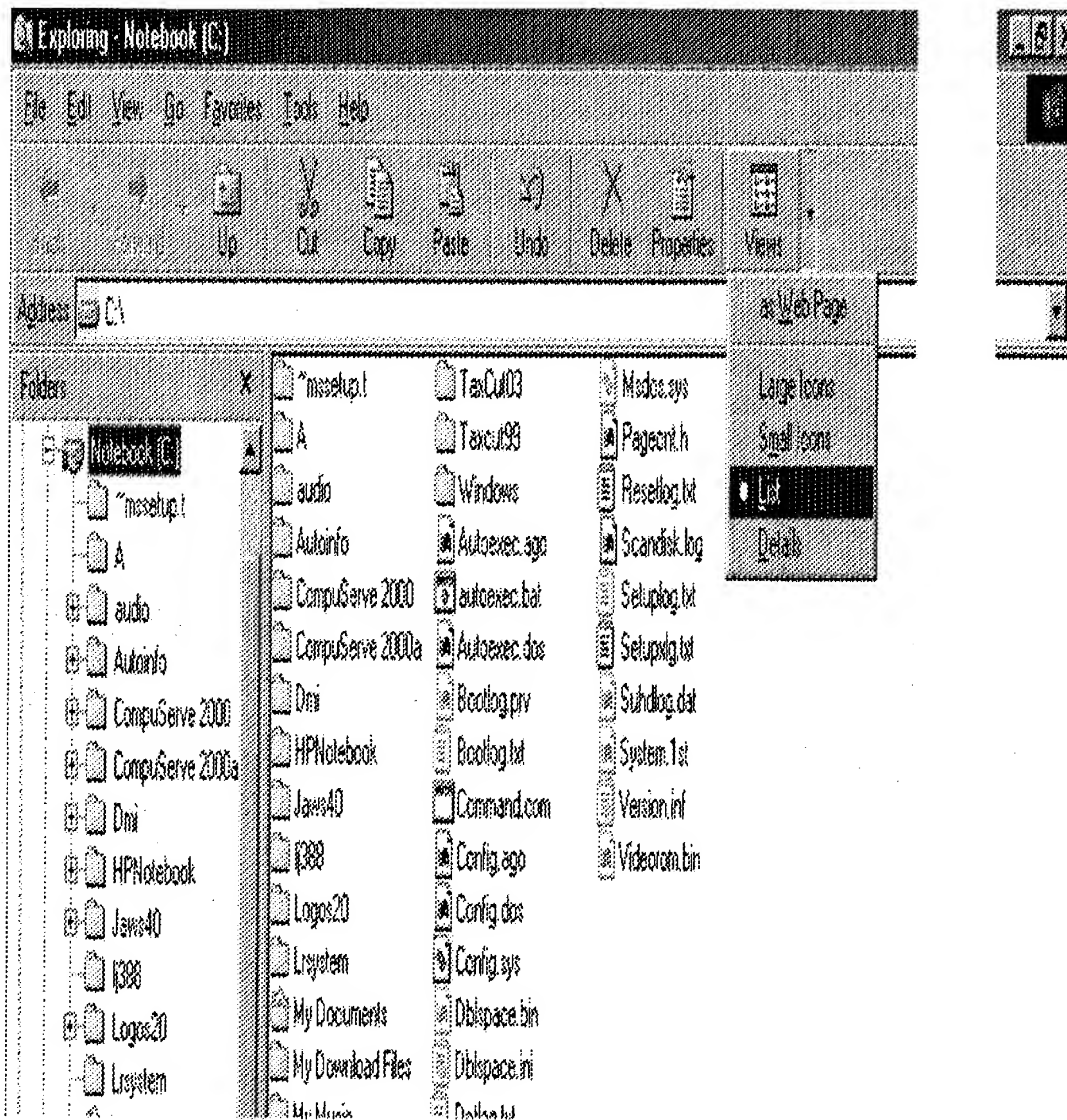


Fig. 2

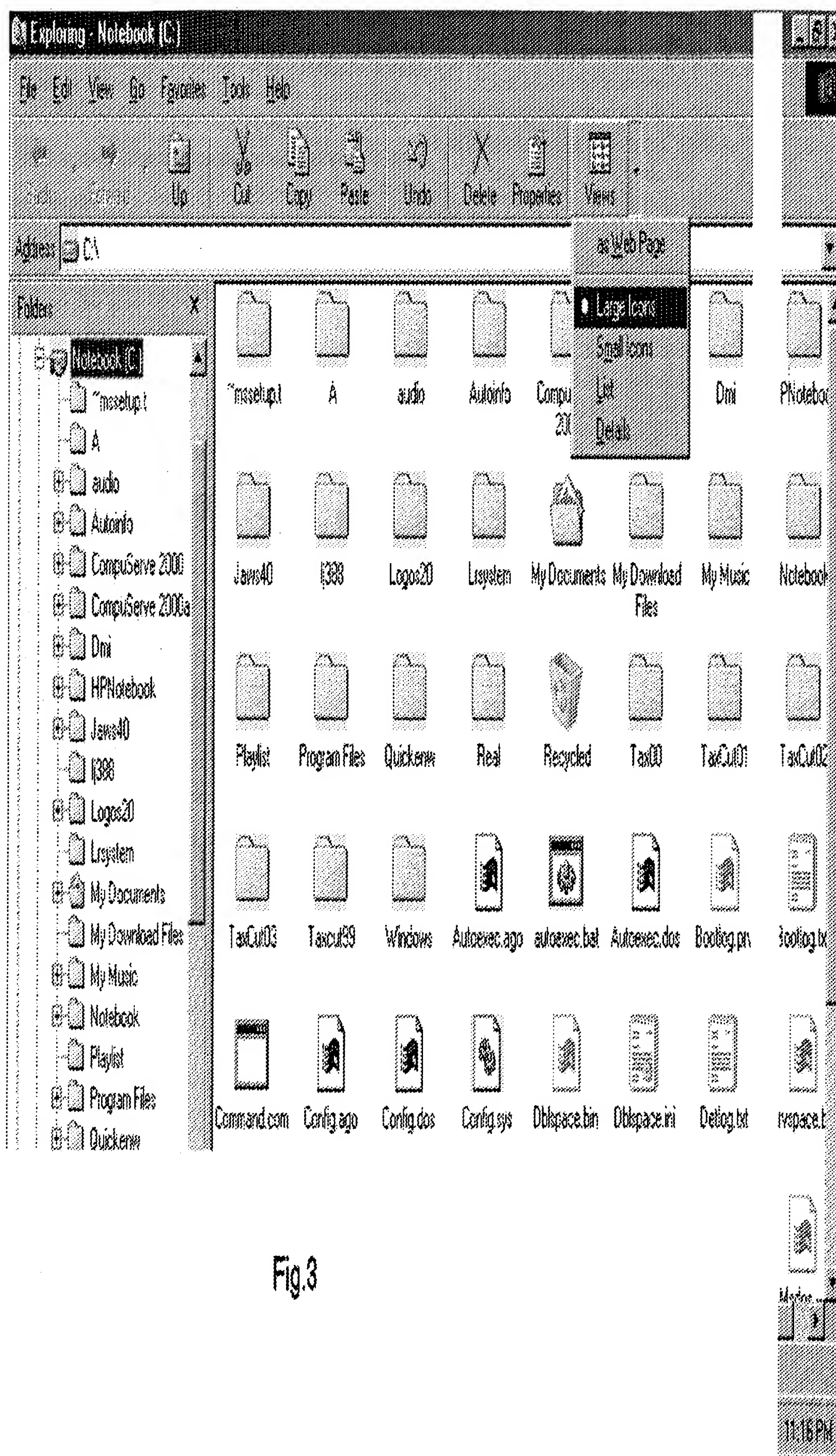


Fig.3

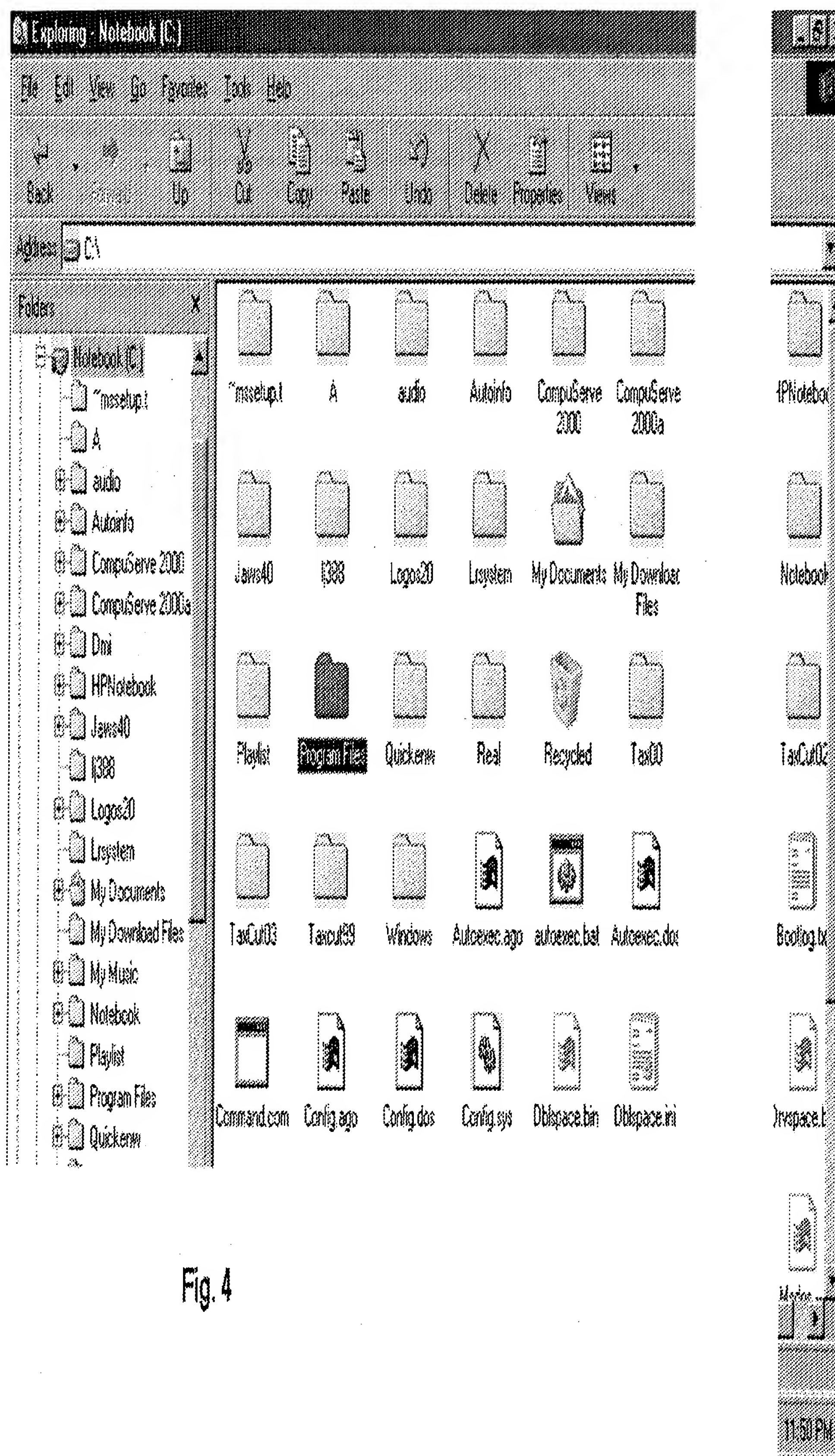


Fig. 4

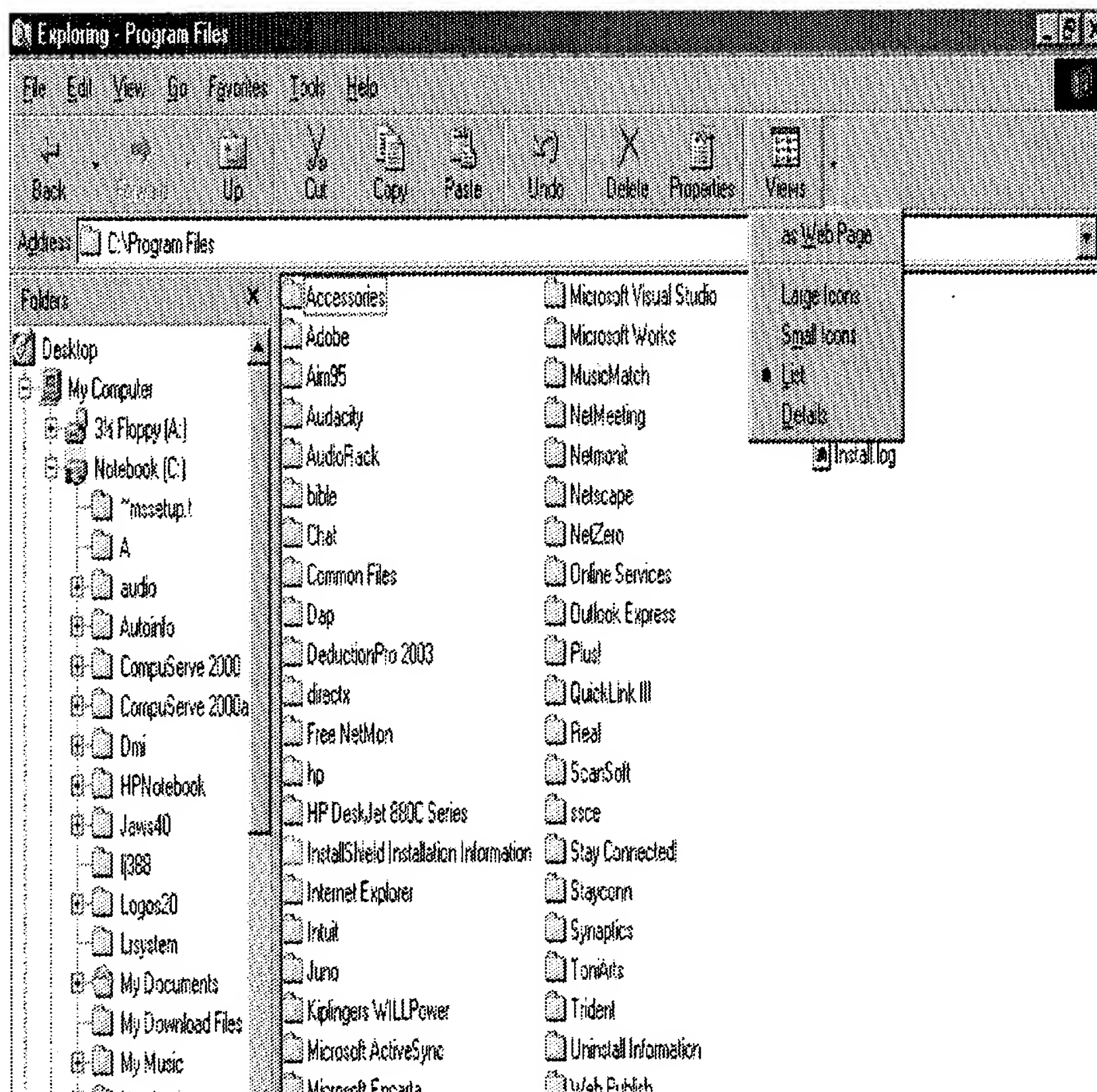


Fig.5



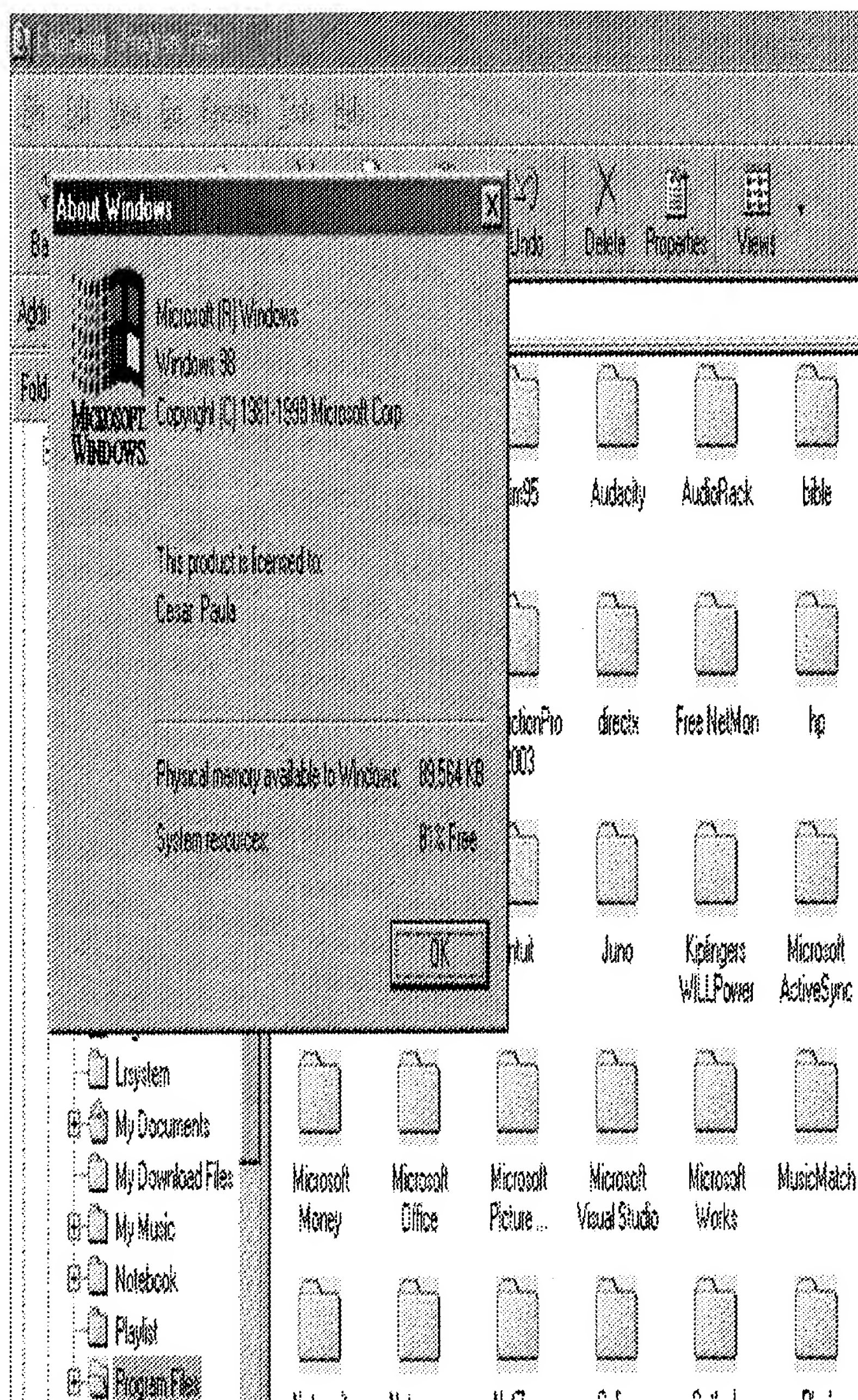


Fig.6

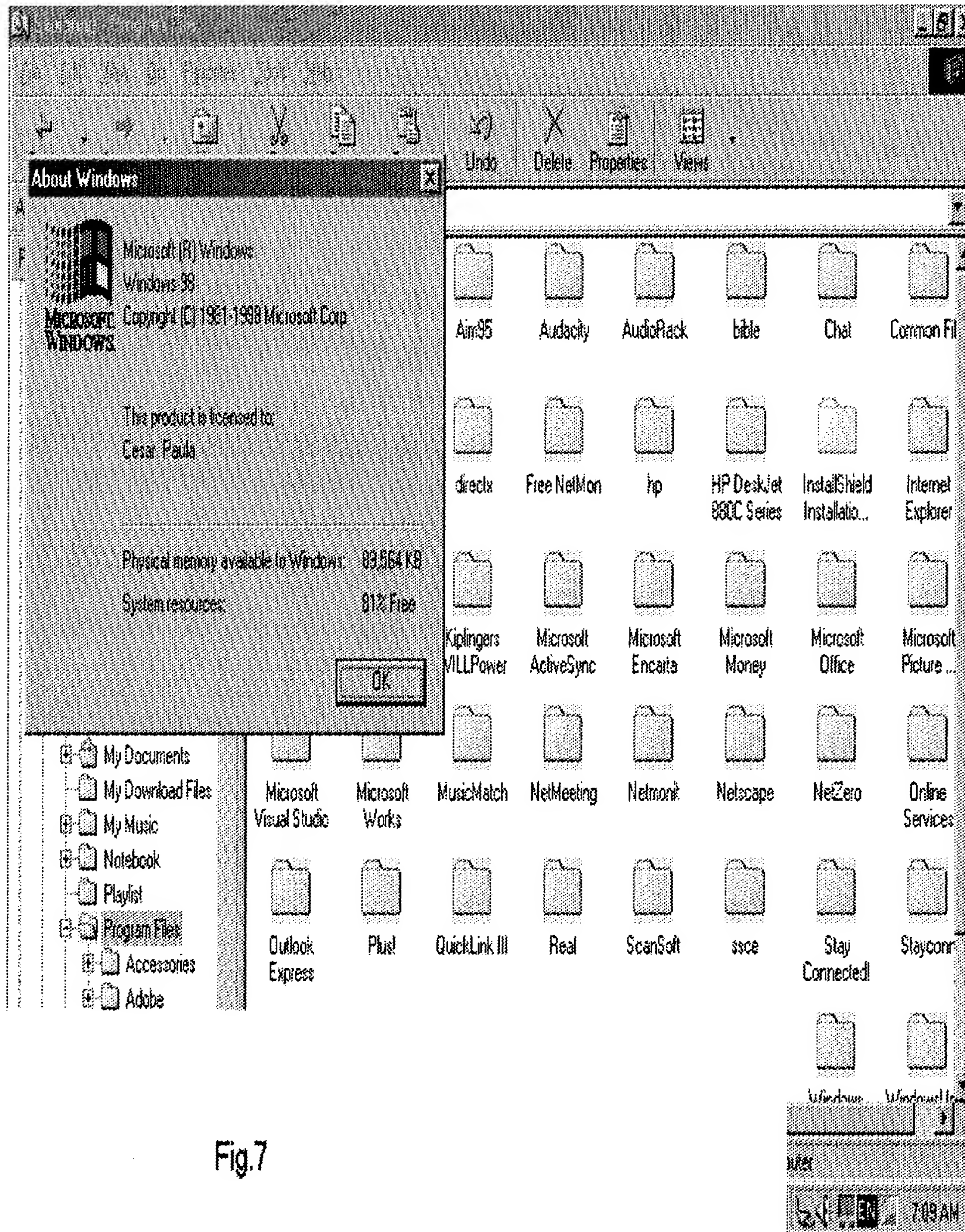


Fig.7

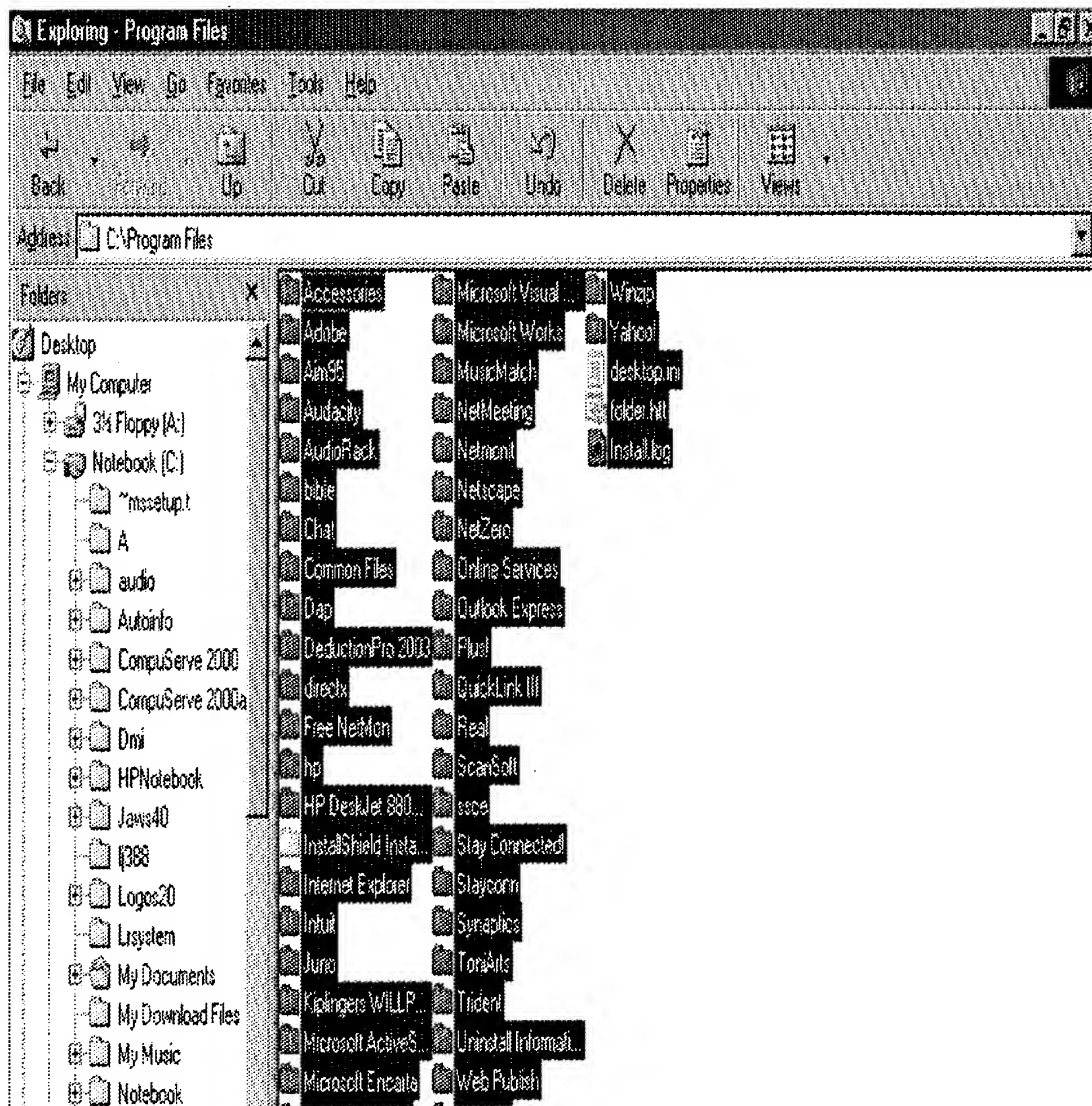
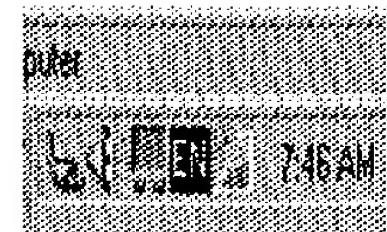


Fig.8



Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	710916	sort\$3 strings files	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/28 09:31
L2	586	sort\$3 strings files	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/06/28 09:31
L3	1	2 korean	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/06/28 09:33
L4	5	2 japanese	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/06/28 09:33
L5	0	2 ideographic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/06/28 09:33
L6	40	2 group	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2004/06/28 09:33
S1	0	PAULA.XA AND COOPER	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/28 09:30
S2	0	PAULA.XA COOPER	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2004/06/25 19:05
S3	18	PAULA.XA. COOPER	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2004/06/25 19:05

S4	68	("4574395" "4632252" "4783825" "4845761" "4908873" "4912771" "5060980" "5084769" "5228100" "5265242" "5267303" "5282052" "5313572" "5317646" "5321770" "5325444" "5335088" "5339172" "5363214" "5369714" "5384863" "5390259" "5434933" "5434953" "5442778" "5448375" "5455898" "5491760" "5524066" "5537491" "5539841" "5542002" "5598507" "5625770" "5694594" "5708825" "5724579" "5745610" "5764799" "5778397" "5818965" "5835638" "5850490" "5857199" "5859935" "5889886" "5909508" "5930393" "5930809" "5931907" "5953732" "5966455" "5999653" "6009196" "6014452" "6038340" "6038561" "6052481" "6058205" "6108446" "6128410" "6137911" "6173275" "6327387").PN. OR ("6562077").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/25 19:06
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S8	454	715/535-536.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/25 19:28

S9	110	715/542.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/25 19:28
S10	8	((("5175857") or ("5761610") or ("5864789") or ("5960382"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/25 19:28

	Document ID	Issue Date	Title	Current OR	Inventor
1	WO 200190879 A	20011129	String object displaying method for PC, PDA, involves selecting particular sort order criteria, based on which string objects are sorted and displayed		LARSSON, M et al.

	Image Doc. Displayed	PT
1	WO 200190879 A1	

	Document ID	Issue Date	Title	Current OR	Inventor
1	US 4873625 A	19891010	Method and apparatus for extending collation functions of a sorting program	707/7	Archer; Gary D. et al.
2	JP 06348695 A	19941222	WORD PROCESSOR INDEX GENERATION SYSTEM		TAKAGI, TOMOHARU
3	JP 01237756 A	19890922	DOCUMENT PREPARING DEVICE		KASUYA, FUMIO
4	JP 01079863 A	19890324	SYSTEM FOR EXTRACTING WORK INHERENT IN SENTENCE CORRESPONDING TO JAPANESE		OKU, MASAHIRO et al.
5	JP 58201129 A	19831122	HOMOPHONE PROCESSING SYSTEM		SUGIMURA, RYOICHI

	Image Doc. Displayed	PT
1	US 4873625	
2	JP 06348695 A	
3	JP 01237756 A	
4	JP 01079863 A	
5	JP 58201129 A	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
1	US 200400783 64 A1	20040422	Remote scoring and aggregating similarity search engine for use with relational databases	707/3	Ripley, John R. et al.	US 20 04 00 78 36 4	
2	US 200400031 31 A1	20040101	Apparatus and method for monitoring and routing status messages	719/315	Curtis, Bryce Allen	US 20 04 00 03 13 1	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
3	US 200301450 08 A1	20030731	Apparatus and methods for managing the display of SMBIOS data relating to the configuration and components of a computing system	707/100	Burrell, Brandon Mitchell	US 20 03 01 45 00 8	
4	US 200300557 93 A1	20030320	Method, apparatus and program storage device for sorting negotiable instruments	705/80	Charles, Michael A. et al.	US 20 03 00 55 79 3	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
5	US 200300489 34 A1	20030313	Method for identifying polymorphic markers in a population	382/129	Benson, Andrew K.	US 20 03 00 48 93 4	
6	US 200300463 99 A1	20030306	Online playback system with community bias	709/228	Boulter, Jeffrey et al.	US 20 03 00 46 39 9	

	Document ID	Issue Date	Title	Current OR	Inventor	Image Doc. Dis- played	P T
7	US 200200955 25 A1	20020718	Computer processing and programming method using autonomous data handlers	719/318	Fables, Wylci et al.	US 20 02 00 95 52 5	
8	US 200200408 66 A1	20020411	Method and apparatus for displaying information	209/546	Tuneld, Mats et al.	US 20 02 00 40 86 6	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
9	US 6591402 B1	20030708	System and method for performing assertion- based analysis of circuit designs	716/5	Chandra; Rajit et al.	US 65 91 40 2	
10	US 6584492 B1	20030624	Internet banner advertising process and apparatus having scalability	709/203	Cezar; Robert et al.	US 65 84 49 2	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
11	US 6430177 B1	20020806	UNIVERSAL MESSAGING SYSTEM PROVIDING INTEGRATED VOICE, DATA AND FAX MESSAGING SERVICES TO PC/WEB-BASED CLIENTS, INCLUDING A CONTENT MANAGER FOR RECEIVING INFORMATION FROM CONTENT PROVIDERS AND FORMATTING THE SAME INTO MULTIMEDIA CONTAINERS FOR DISTRIBUTION TO WEB-BASED CLIENTS	370/356	Luzeski; Nicholas M. et al.	US 64 30 17 7	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
12	US 6408314 B1	20020618	Method of performing a high-performance sort which gains efficiency by reading input file blocks sequentially	707/205	Liu; Peter Chi-Hsiung	US 64 08 31 4	
13	US 6404762 B1	20020611	UNIVERSAL MESSAGING SYSTEM PROVIDING INTEGRATED VOICE, DATA AND FAX MESSAGING SERVICES TO PC/WEB-BASED CLIENTS, INCLUDING A SESSION MANAGER FOR MAINTAINING A SESSION BETWEEN A MESSAGING PLATFORM AND THE WEB-BASED CLIENTS	370/352	Luzeski; Nicholas M. et al.	US 64 04 76 2	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
14	US 6301245 B1	20011009	Universal Messaging system providing integrated voice, data and fax messaging services to PC/web-based clients, including a large object server for efficiently distributing voice/fax messages to web-based clients	370/352	Luzeski; Nicholas M. et al.	US 63 01 24 5	
15	US 6226411 B1	20010501	Method for data compression and restoration	382/232	Hiyoshi; Kiyomitsu	US 62 26 41 1	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
16	US 6185600 B1	20010206	Universal viewer/browser for network and system events using a universal user interface generator, a generic product specification language, and product specific interfaces	709/203	Spence; Kurt E. et al.	US 61 85 60 0	
17	US 6167368 A	20001226	Method and system for indentifying significant topics of a document	704/9	Wacholder; Faye (Nina) P.	US 61 67 36 8	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
18	US 5841658 A	19981124	Bulk mail entire preparation method and kit	705/406	Bouchard; Paul W.	US 58 41 65 8	
19	US 5832511 A	19981103	Workgroup network manager for controlling the operation of workstations within the computer network	707/201	Beck; Robert Earl et al.	US 58 32 51 1	
20	US 5787386 A	19980728	Compact encoding of multi-lingual translation dictionaries	704/8	Kaplan; Ronald M. et al.	US 57 87 38 6	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
21	US 5764518 A	19980609	Self reproducing fundamental fabricating machine system	700/95	Collins; Charles M.	US 57 64 51 8	
22	US 5603025 A	19970211	Methods for hypertext reporting in a relational database management system	707/2	Tabb; Lloyd et al.	US 56 03 02 5	
23	US 5586322 A	19961217	Workgroup organized network manager with workstation comparison system	707/200	Beck; Robert E. et al.	US 55 86 32 2	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
24	US 5523946 A	19960604	Compact encoding of multi-lingual translation dictionaries	704/2	Kaplan; Ronald M. et al.	US 55 23 94 6	
25	US 5438659 A	19950801	Object-action user interface management system	715/505	Notess; Mark H. et al.	US 54 38 65 9	
26	US 5421007 A	19950530	Key space analysis method for improved record sorting and file merging	707/7	Coleman; Andrew et al.	US 54 21 00 7	

	Document ID	Issue Date	Title	Current OR	Inventor	Image Doc. Displayed	P T
27	US 5404510 A	19950404	Database index design based upon request importance and the reuse and modification of similar existing indexes	707/2	Smith; Gregory S. et al.	US 5404510	
28	US 5386558 A	19950131	Method and apparatus for executing control system functions in a computer system	707/104.1	Maudlin; Craig L. et al.	US 5386558	
29	US 3713107 A	19730123	FIRMWARE SORT PROCESSOR SYSTEM	712/300	Barsamian; Harut	US 3713107	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
30	JP 10333895 A	19981218	METHOD AND DEVICE FOR PLOTING JOB NETWORK DIAGRAM		SATO, KAZUHIRO	JP 10 33 38 95 A	
31	JP 08167852 A	19960625	METHOD AND DEVICE FOR COMPRESSING DATA		SATO, NOBUKO et al.	JP 08 16 78 52 A	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
32	JP 07262223 A	19951013	AUTOMATIC INDEX GENERATION DEVICE		KUBOTA, HIROYUKI	JP 07 26 22 23 A	
33	JP 01093798 A	19890412	DIVIDED LABELING DEVICE		ABE, YOSHIHARU	JP 01 09 37 98 A	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
34	JP 58201129 A	19831122	HOMOPHONE PROCESSING SYSTEM		SUGIMURA, RYOICHI	JP 58 20 11 29 A	
35	JP 57090757 A	19820605	SORT-MERGE PROCESS SYSTEM		OKADA, MAKOTO	JP 57 09 07 57 A	

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
36	NA9309123	19930901	Software Compiler for Analyzing and Measuring Programs			NA 93 09 12 3	
37	NN9210150	19921001	DekoVert V Program for OS/2 Memory Mapped Performance Hooks.				
38	NB9011395	19901101	Updating Loosely- Coupled SQL/DS Databases.				
39	NN8809154	19880901	Quick File Commenting Utility for CMS File				

	Document ID	Issue Date	Title	Current OR	Inventor	Im ag e Do c. Di sp la ye d	P T
40	NN870636	19870601	Tdb 06-87 P.36-37 Improvement in Controlling UNIX Processes				